

Contents

Volume 58

| | |
|--|---------|
| Estimation of the fraction of the dose of <i>N</i> -nitrosodimethylamine metabolized to methylamine in rats E.S. Burak, G.W. Harrington, R. Koseniauskas and C.T. Gombar (Philadelphia, PA and King of Prussia, PA) | 1–6 |
| Separation of clonogenic and differentiated cell phenotypes of ovarian cancer cells (HOC-7) by discontinuous density gradient centrifugation Th.W. Grunt, E. Dittrich, C. Somay, Th. Wagner and Ch. Dittrich (Vienna, Austria) | 7–16 |
| Localization of potent photosensitizers in human tumor LOX by means of laser scanning microscopy Q. Peng, J. Moan, G. Farrants, H.E. Danielsen and C. Rimington (Oslo, Norway) | 17–27 |
| The effect of glucose administration on the uptake of Photofrin II in a human tumor xenograft Q. Peng, J. Moan and L-S. Cheng (Oslo, Norway) | 29–35 |
| Location of P-II and AIPCS ₄ in human tumor LOX in vitro and in vivo by means of computer-enhanced video fluorescence microscopy Q. Peng, J. Moan, G.W. Farrants, H.E. Danielsen and C. Rimington (Oslo, Norway) | 37–47 |
| The effects of exogenous glutathione and cysteine on oxidative stress by ferric nitrilotriacetate T. Umemura, K. Sai, A. Takagi, R. Hasegawa and Y. Kurokawa (Tokyo, Japan) | 49–56 |
| Chemical carcinogen-induced damage to the <i>c-neu</i> and <i>c-myc</i> protooncogenes in rat lung epithelial cells: possible mechanisms for differential repair in transcriptionally active genes P. Chary, C.E. Mitchell and G. Kelly (Albuquerque, NM) | 57–63 |
| Breast epithelial mucin serum clearance R.L. Ceriani and E.W. Blank (Walnut Creek, CA) | 65–68 |
| Characterization of a strongly immunogenic mouse leukemia line (DL811) undergoing spontaneous cure with tumor dormancy A. Matsuzawa, T. Kaneko, Y. Takeda and H. Ozawa (Tokyo, Japan) | 69–74 |
| Quercetin-induced lipid peroxidation and DNA damage in isolated rat-liver nuclei S.C. Sahu and M.C. Washington (Washington, DC) | 75–79 |
| Lack of synergism in rat urinary tract carcinogenesis between prior uracil treatment and <i>N</i> -butyl- <i>N</i> -(4-hydroxybutyl)-nitrosamine administration M. Okumura, T. Shirai, M. Asamoto, T. Ogiso and S. Fukushima (Nagoya, Japan) | 81–85 |
| Carcinogenicity examination of <i>Agaricus bisporus</i> , edible mushroom, in rats K. Matsumoto, M. Ito, S. Yagyu, H. Ogino and I. Hirono (Aichi, Japan) | 87–90 |
| A critical analysis of the use of sialic acid determination in the diagnosis of malignancy R. O'Kennedy, G. Berns, E. Moran, H. Smyth, K. Carroll, R.D. Thornes, A. O'Brien, J. Fennelly and M. Butler (Dublin, Republic of Ireland) | 91–100 |
| Inhibitory effects of new types of biflavonoid-related polyphenols; lophirone A and lophiraic acid, on some tumor promoter-induced biological responses in vitro and in vivo A. Murakami, H. Ohigashi, M. Jisaka, M. Hirota, R. Irie and K. Koshimizu (Kyoto and Nagano, Japan) | 101–106 |
| K-ras activation in gastric epithelial tumors in Japanese H. Miki, M. Ohmori, A.O. Perantoni and T. Enomoto (Kagawa, Japan and Frederick, MD) | 107–113 |
| Comparative tumorigenicity in newborn mice of chrysene- and 5-alkylchrysene-1,2-diol-3,4-epoxides S. Amin, B. Misra, J. Braley and S.S. Hecht (Valhalla, New York) | 115–118 |
| The activities of aminoacyl-tRNA synthetase phosphatase and aminoacyl-tRNA synthetases in MPC-11 and Krebs II ascites cells I.F. Pryme and B.H. Berg (Bergen, Norway) | 119–123 |

| | |
|--|---------|
| Expression of a gene coding for breast tumor-associated antigen in thyroid papillary carcinoma M. Weiss, J. Zaretsky, R. Zimlichman, N. Smorodinsky, A.S. Dion, I. Keydar and D.H. Wreschner (Tel Hashomer and Ramat Aviv, Israel and Newark, NJ) | 125-130 |
| Enhanced poly ADP-ribosylation in human leukemia lymphocytes and ovarian cancers N. Singh (New Delhi, India) | 131-135 |
| Stimulation of growth of human breast cancer cells (T47D) by platelet derived growth factor E. Ginsburg and B.K. Vonderhaar (Bethesda, MD) | 137-144 |
| Human chorionic gonadotropin and related glycoprotein hormones in lung cancer cell lines G. Bepler and A.F. Gazdar (Marburg, Germany and Bethesda, MD) | 145-150 |
| Investigation on phosphate dependent glutaminase (EC 3.5.1.2) activity in host tissues of EAC-bearing mice and response of live EC 3.5.1.2 on Cu-ATP therapy S. Pal, K.K. Nayak and P. Maity (Calcutta and West Bengal, India) | 151-153 |
| Systemic alterations in ornithine decarboxylase activity caused by colon cancer in mice R. Saydjari, R.D. Beauchamp, C.M. Townsend, Jr. and J.C. Thompson (Galveston, TX) | 155-158 |
| Erratum | 159 |
| Effect of 'Pan Masala' on the germ cells of male mice A. Mukherjee, J. Chakrabarti, A. Chakrabarti, T. Banerjee and A. Sarma (Calcutta, India) | 161-165 |
| Postnatal vaginal nodules induced by prenatal diethylstilbestrol treatment correlate with later development of ovary-independent vaginal and uterine changes in mice S. Ozawa, T. Iguchi, K. Sawada, Y. Ohta, N. Takasugi and H.A. Bern (Yokohama and Tottori, Japan; Berkeley, CA) | 167-175 |
| Tumorigenicity of the tobacco-specific carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone in infant mice L.M. Anderson, S.S. Hecht, R.M. Kovatch, S. Amin, D. Hoffmann and J.M. Rice (Frederick, MD and Valhalla, NY) | 177-181 |
| Effects of alprazolam on T-cell immunosuppressive response to surgical stress in mice M. Freire-Garabal, A. Belmonte, F. Orallo, J. Couceiro and M.J. Núñez (Santiago de Compostela, Spain) | 183-187 |
| Distinct patterns of phorbol ester-induced downregulation of protein kinase C activity in adriamycin-selected multidrug resistant and parental murine fibrosarcoma cells N.E. Ward and C.A. O'Brian (Houston, TX) | 189-193 |
| Serum poly(A)polymerase levels in rats during induction of mammary carcinoma with 7,12-dimethylbenz- [a]anthracene A.L. Barsoum and R.N. Kurl (Providence, RI) | 195-197 |
| ³² P-Postlabeling analysis of DNA adducts in rat livers after treatment with genotoxic and non-genotoxic 4-aminoazobenzene derivatives M. Kojima, M. Degawa, Y. Hashimoto and M. Tada (Nagoya and Sendai, Japan) | 199-204 |
| Malignant mesothelioma: the antiproliferative effect of cytokine combinations on three human mesothelioma cell lines A.M. Hand, K. Husgafvel-Pursiainen, L. Tammilehto, K. Mattson and K. Linnainmaa (Helsinki, Finland) | 205-210 |
| In vivo effects of dexamethasone on the tumor growth of glucocorticoid-sensitive Fu5-derived rat hepatoma cells L. Goya, C.P. Edwards, K.A. Glennemeier and G.L. Firestone (Berkeley, CA) | 211-219 |
| Mouse liver free amino acids during the development of Ehrlich ascites tumour J. Márquez and I. Núñez de Castro (Malaga, Spain) | 221-224 |
| Influence of hepatic tumors caused by diethylnitrosamine on hexachlorobenzene-induced porphyria in rats R. Wainstock de Calmanovici, A.C. Cochón, J.C. Zenklusen, C. Aldonatti, J.R.P. Cabral and L.C. San Martín de Viale (Buenos Aires, Argentina; Lyon, France) | 225-232 |
| Measurement of urokinase-type plasminogen activator activity in sera of nasopharyngeal carcinoma patients by an immunocapture assay K.C. Leung, Y. Tung, M. Ali and W.N. Lau (Kowloon, Hong Kong) | 233-240 |

| | |
|--|---------|
| Lack of modification by naturally occurring antioxidants of 3,2'-dimethyl-4-aminobiphenyl-initiated rat prostate carcinogenesis | |
| A. Nakamura, T. Shirai, S. Takahashi, K. Ogawa, M. Hirose and N. Ito (Nagoya, Japan) | 241-246 |
| Glycoprotein patterns in normal and malignant cervical tissue | |
| M.E.R. O'Brien, B.E. Souberbielle, M.E. Cowan, C.A. Allen, D.M. Luesley, J.J. Mould, G.R.P. Blackledge and G.R.B. Skinner (Birmingham, U.K.) | 247-254 |
| Subject Index Volume 58 | 255-259 |
| Author Index Volume 58 | 261-262 |
| Contents Volume 58 | 263-265 |